



SHEET 1 OF 6

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: HAR-001DVAPPLICANT: Strominger, et al.SERIAL NO.: 08/991,628FILING DATE: November 5, 1997 GROUP: 1642

U.S. PATENT DOCUMENTS

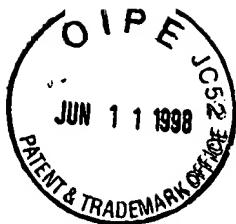
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<u>TC</u>	AA	5,130,297	07/04/92	Sharma, et al.			
<u>TC</u>	AB	5,194,425	03/16/93	Sharma, et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
<u>TC</u>	BA	WO 95/12313	05/11/95	PCT					

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
<u>TC</u>	CA	Gregersen, P.K. et al., "The Shared Epitope Hypothesis: An approach to Understanding The Molecular Genetics of Susceptibility to Rheumatoid Arthritis", <u>Arthritis Rheum.</u> , 30:1205-1213 (1987).							
	CB	Oldstone, M.B.A., "Molecular Mimicry and Autoimmune Disease", <u>Cell</u> , 50:819-820 (1987).							
	CC	Scharf, S. et al., "Sequence Analysis of the HLA-D α and HLA-DQ β Loci from Three Pemphigus <i>Vulgaris</i> Patients", <u>Human Immunol.</u> 22:61-69 (1988).							
	CD	Sinha, A. et al., "A Newly Characterized HLA-DQ Allele Associated with Pemphigus <i>Vulgaris</i> ", <u>Science</u> , 239:1026-1029 (1988).							
<u>TC</u>	CE	Ahmed, A.R. et al., "Major histocompatibility complex haplotype studies in Ashkenazi Jewish patients with pemphigus vulgaris", <u>Proc. Natl. Acad. Sci. (USA)</u> , 87:7658-7662 (1990).							
EXAMINER <u>Thom Cole</u>		DATE CONSIDERED <u>6/14/99</u>							



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FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO.: <u>HAR-001DV</u> APPLICANT: <u>Strominger, et al.</u> SERIAL NO.: <u>08/991,628</u> FILING DATE: <u>November 5, 1997</u> GROUP: <u>1642</u>					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
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OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
TC	CF	Jardetzky, T.S. et al., "Peptide binding to HLA-DR1: "a peptide with most residues substituted to alanine retains MHC binding", <u>EMBO J.</u> , 9(6):1797-1803 (1990).							
	CG	Ota, K. et al., "T-cell recognition of an immuno-dominant myelin basic protein epitope in multiple sclerosis", <u>Nature</u> , 346:183-187 (1990).							
	CH	Pette, M. et al. "Myelin autoreactivity in multiple sclerosis: Recognition of myelin basis protein in the context of HLA-DR2 products by T lymphocytes of multiple sclerosis patients and healthy donors", <u>Proc. Natl. Acad. Sci. (USA)</u> , 87:7968-7972 (1990).							
	CI	Amagai, M. et al., "Autoantibodies against a Novel Epithelial Cadherin in Pemphigus Vulgaris, a Disease of Cell Adhesion", <u>Cell</u> , 67:869-877 (1991).							
TC	CJ	Brown, L.R. et al., "Recognition of the influenza hemagglutinin by class II MHC-restricted T lymphocytes and antibodies, I. Site definition and implications for antigen presentation and T lymphocyte recognition" <u>J. Immunol.</u> , 147(8):2677-2684 (1991).							
EXAMINER <u>TC</u> <u>Ce</u>				DATE CONSIDERED <u>6/14/98</u>					

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SHEET 3 OF 6

FORM PTO - 1449				ATTY DOCKET NO.: <u>HAR-001DV</u>					
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OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
TC	CK	Busch, R. et al., "Effect of natural polymorphism at residue 86 of the HLA-DR β chain on peptide binding", <u>J. Immunol.</u> , 147(4):1292:1298 (1991).							
	CL	Jardetzky, T.S. et al., "Identification of self peptides bound to purified HLA-B27", <u>Nature</u> , 353:326-329 (1991).							
	CM	Lanchbury, J & G. Panavi, "Genetics Of RA: The HLA Shared Epitope Hypothesis And Its Implications," <u>Br. J. Rheumatol</u> , 30(Suppl 2):6-9 (1991).							
	CN	O'Sullivan, D. et al., "On The Interaction Of Promiscuous Antigenic Peptides With Different Dr Alleles; Identification of common structural motifs, <u>J. Immunol</u> , 147(8):2663-2669 (1991).							
	CO	Wucherpfennig, K. et al., "T-cell recognition of myelin basic protein", <u>Immunol. Today</u> , 12(8):277-282 (1991).							
	CP	Amagai, M. et al., "Autoantibodies Against the Amino-terminal Cadherin-like Binding Domain of Pemphigus Vulgaris Antigen are Pathogenic", <u>J. Clin. Invest.</u> , 90:919-926							
TC	CQ	Lehmann, P. et al., "Spreading of T-cell autoimmunity to cryptic determinants of an/ autoantigen, <u>Nature</u> , 358:155-157 (1992).							
EXAMINER <i>Thom C. Lee</i>				DATE CONSIDERED <i>6/14/99</i>					



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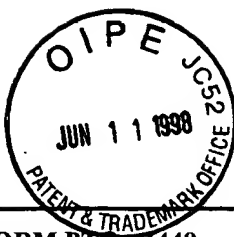
FOREIGN PATENT DOCUMENTS

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OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
RC	CR	Marsh, S. et al., "HLA class II nucleotide sequences", <u>Human Immunol.</u> , 35:1-17 (1992).						
	CS	Chicz, R. et al., "Predominant naturally processed peptides bound to HLA-DR1 are derived from MHC-related molecules and are heterogeneous in size, <u>Nature</u> , 358:764-768 (1992).						
	CT	Alexander J. et al., "Functional Consequences of Engagement of the T Cell Receptor By Low Affinity Ligands", <u>J. Immunol.</u> , 150(1):1-7 (1993)						
	CU	Brown, J.H. et al., "Three-dimensional structure of the human class II histocompatibility antigen HLA-DR1", <u>Nature</u> , 364:33-39 (1993).						
	CV	Chicz, R.M. et al., "Specificity and Promiscuity among Naturally Processed Peptides Bound to HLA-DR Alleles", <u>J. Exp. Med.</u> , 178:27-47 (1993).						
	CW	Hammer, J. et al., "Promiscuous and Allele-Specific Anchors in HLA-DR-Binding Peptides", <u>Cell</u> , 74:197-203 (1993).						
RC	CX	Kaufman, D.L., et al., "Spontaneous loss of T-cell tolerance to glutamic acid decarboxylase in murine insulin-dependent diabetes", <u>Nature</u> , 366:69-71 (1993)						
EXAMINER	Therese C. Lee				DATE CONSIDERED 6/14/99/6/27/99			

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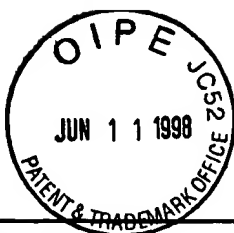
OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
TC	CY	Madden, D.R. et al., "The Antigenic Identity of Peptide-MHC Complexes: A Comparison of the Conformation of Five Viral Peptides Presented by HLA-A2", <u>Cell</u> , 75:693-708 (1993).						
	CZ	Sloan-Lancaster, J. et al., "Induction of T-cell anergy by altered T-cell-receptor ligand on live antigen-presenting cells", <u>Nature</u> , 363:156-159 (1993).						
	DA	Tisch, R., et al., "Immune response to glutamic acid decarboxylase correlates with insulinitis in non-obese diabetic mice", <u>Nature</u> , 366:72-75 (1993).						
	DB	Reay, P. et al., "Use of Global Amino Acid Replacements to Define the Requirements for MHC Binding and T cell Recognition of Moth Cytochrome c (93-103), <u>J. Immunol.</u> , 150:3946-3957 (1994).						
	DC	Rotschke, O. et al., "Origin, Structure and motifs of naturally processed MHC class II ligands", <u>Current Opinion Immunol.</u> , 6:45-51 (1994).						
	DD	Sloan-Lancaster, J. et al., "Partial T Cell Signaling: Altered Phospho- ζ and Lack of Zap70 Recruitment in APL-Induced T Cell Anergy", <u>Cell</u> , 79:913-922 (1994).						
TC	DE	Stern, L. et al., "Crystal structure of the human class II MHC protein HLA-DR1 complexed with an influenza virus peptide", <u>Nature</u> , 368:215-221 (1994).						

EXAMINER

DATE CONSIDERED

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EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
TC	DF	Tian, J. et al., "T Cell Cross-reactivity between Coxsackie virus and Glutamate Decarboxylase Is Associated with a Murine Diabetes Susceptibility Allele", <u>J. Exp. Med.</u> , 180:1979-1984 (1994).
I	DG	Vogt, A. et al., Ligand Motifs of HLA-DRB5*0101 and DRB*1501 Molecules Delineated from Self Peptides", <u>J. Immunol.</u> , 151:1665-1673 (1994).
	DH	Wucherpfennig, K. et al., "Structural Requirements for Binding of an Immunodominant Myelin Basic Protein Peptide to DR2 isotypes and for Its Recognition by Human T Cell Clones", <u>J. Exp. Med.</u> , 179:279-290 (1994).
	DI	Wucherpfennig, K. et al., "Clonal Expansion and Persistence of Human T cells Specific for an Immunodominant Myelin Basic Protein Peptide", <u>J. Immunol.</u> , 150:5581-5592 (1994).
TC	DJ	Steinman, L. "Escape from "Horror Autotoxicus": Pathogenesis and Treatment of Autoimmune Disease", <u>Cell</u> , 80(1):7-10 (1995)
EXAMINER	DATE CONSIDERED 6/14/95	

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